

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the application of:

Attorney Docket No.: 3081.162US01

Wilfried Hackenbroich et al.

Application No.: Unknown

Filed: *Of Even Date*

For: ANTENNA COUPLER

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INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Pursuant to 37 C.F.R. § 1.56, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached Form PTO-1449. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom. The listing of a reference herein is not an admission that the reference is prior art or that the reference is material to patentability.

This Information Disclosure Statement is being filed with the application. No certification or fee is required.

The references were cited in counterpart foreign applications. An English language version of the international search report (for application no. PCT/EP2004/013641) is attached for the Examiner's information. The search report identifies the relevance of the cited references.

Please note that three of the foreign language references (EP 0 955 549 A1, WO 00/76077 A1, and DE 101 49 552 A1) do not have English language counterparts but have English language abstracts attached thereto. The concise relevance of these references is provided by said abstracts.

10/580754

AP20 RECEIVED PTO 26 MAY 2006

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Also please note that the following foreign language references have English language counterparts, which are presumed to have corresponding subject matter as the foreign language references and are listed on the attached Form PTO-1449:

U.S. Patent No. 6,249,248 B1 is an English language counterpart to DE 199 17 661 A1;

U.S. Patent No. 6,229,490 B1 is an English language counterpart to DE 197 32 639 C1;

U.S. Patent Application Publication 2004/0233114 A1 is an English language counterpart to WO 02/103840 A1;

GB 2 324 657 A is an English language counterpart to DE 197 17 834 A1; and

U.S. Patent Application Publication 2004/0233114 A1 is an English language counterpart to DE 101 29 408 A1.

This application was filed after June 30, 2003; therefore, copies of cited U.S. patents and U.S. published applications are not included.

Respectfully submitted,



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*Please grant any extension of time necessary for entry; charge any fee due to Deposit Account No. 16-0631.*

CERTIFICATE OF EXPRESS MAIL

"Express Mail" mailing label number EV804180225US. Date of Deposit: May 26, 2006. I hereby certify that this paper is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. § 1.10 on the date indicated above and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Mai Vang  
Name of Person Making Deposit

  
Signature

Substitute for form 1449/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(Use as many sheets as necessary)</i>				Complete if Known	
				Application Number	Unknown 10/580754
				Filing Date	Of Even Date
				First Named Inventor	Wilfried Hackenbroich
				Art Unit	Unknown
				Examiner Name	Unknown
Sheet	1	of	2	Attorney Docket Number	3081.162US01

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number-Kind Code <sup>2</sup> (if known)		
		US-6,229,490 B1	05/08/2001	Hofmann
		US-6,249,248 B1	06/19/2001	Kitayoshi
		US-2001/015702 A1	08/23/2001	Hofmann
		US-2004/0233114 A1	11/25/2004	Holzmann et al.
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## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	T <sup>6</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)			
		EP 0 955 549 A1	11/10/1999	Champaney	X (abstract)
		DE 197 17 834 A1	10/29/1998	Maucksch	
		DE 197 32 639 C1	01/28/1999	Hofmann	
		DE 199 17 661 A1	10/28/1999	Kitayoshi	
		DE 101 29 408 A1	01/02/2003	Holzmann	
		DE 101 49 552 A1	04/24/2003	Larkamp	X (abstract)
		GB 2 324 657 A	10/28/1998	Maucksch	
		WO 00/76077 A1	12/14/2000	Jamrogowicz	X (abstract)
		WO 02/103840 A1	12/27/2002	Holzmann	

EXAMINER SIGNATURE	DATE CONSIDERED
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450 Alexandria, VA 22313-1450.

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Substitute for form 1449/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(Use as many sheets as necessary)</i>				Complete if Known	
				Application Number	Unknown <b>107580754</b>
				Filing Date	Of Even Date
				First Named Inventor	Wilfried Hackenbroich
				Art Unit	Unknown
				Examiner Name	Unknown
Sheet	2	of	2	Attorney Docket Number	3081.162US01
<b>NON PATENT LITERATURE DOCUMENTS</b>					
EXAMINER INITIAL*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published			T <sup>2</sup>
		Copy of web page for will'tek, "4910 Universal Antenna Coupler, Universal RF Connection for Mobile Phone Testing," <a href="http://www.willtek.com/2_products_services/21_products.../Universal_Antenna_Couple">http://www.willtek.com/2_products_services/21_products.../Universal_Antenna_Couple</a>			
		Copy of User's Guide "Willtek 4910 Universal Antenna Coupler with RF Shield Box."			
		Copy of brochure, "Willtek 4915 Antenna Coupler."			
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